

FIGURE 1

0945708-122100

09745708-122100

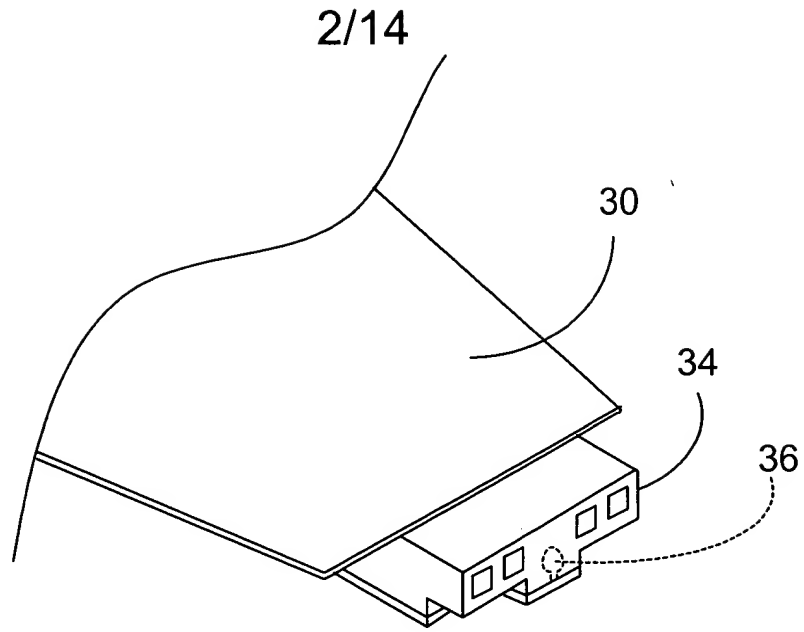


FIGURE 2

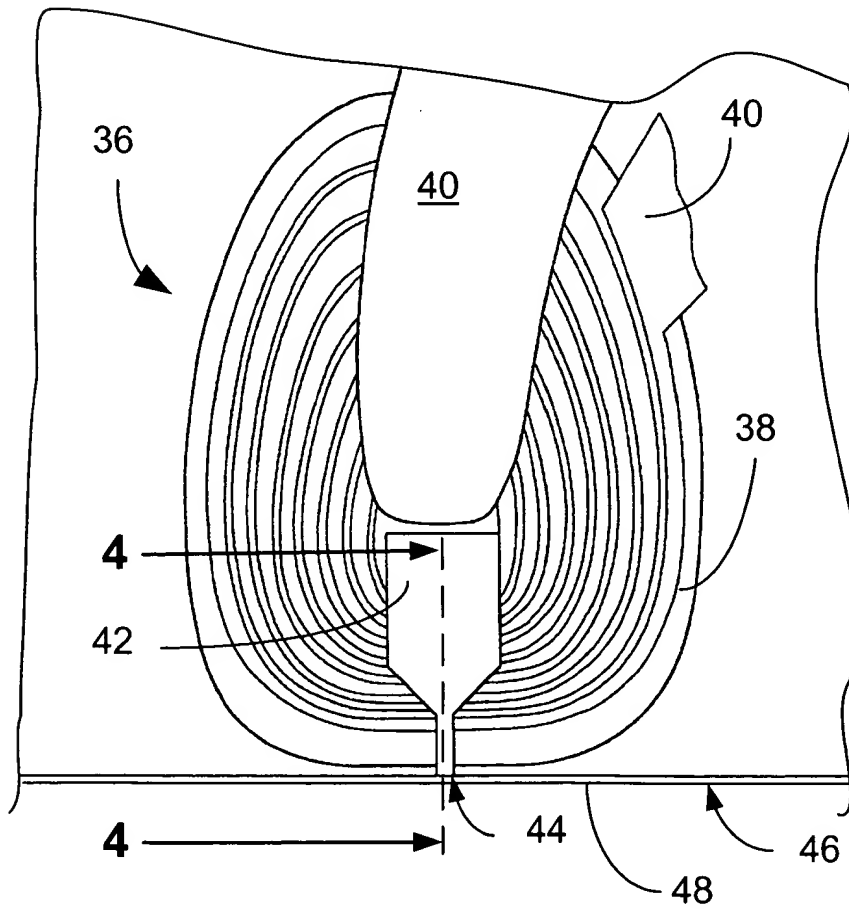


FIGURE 3

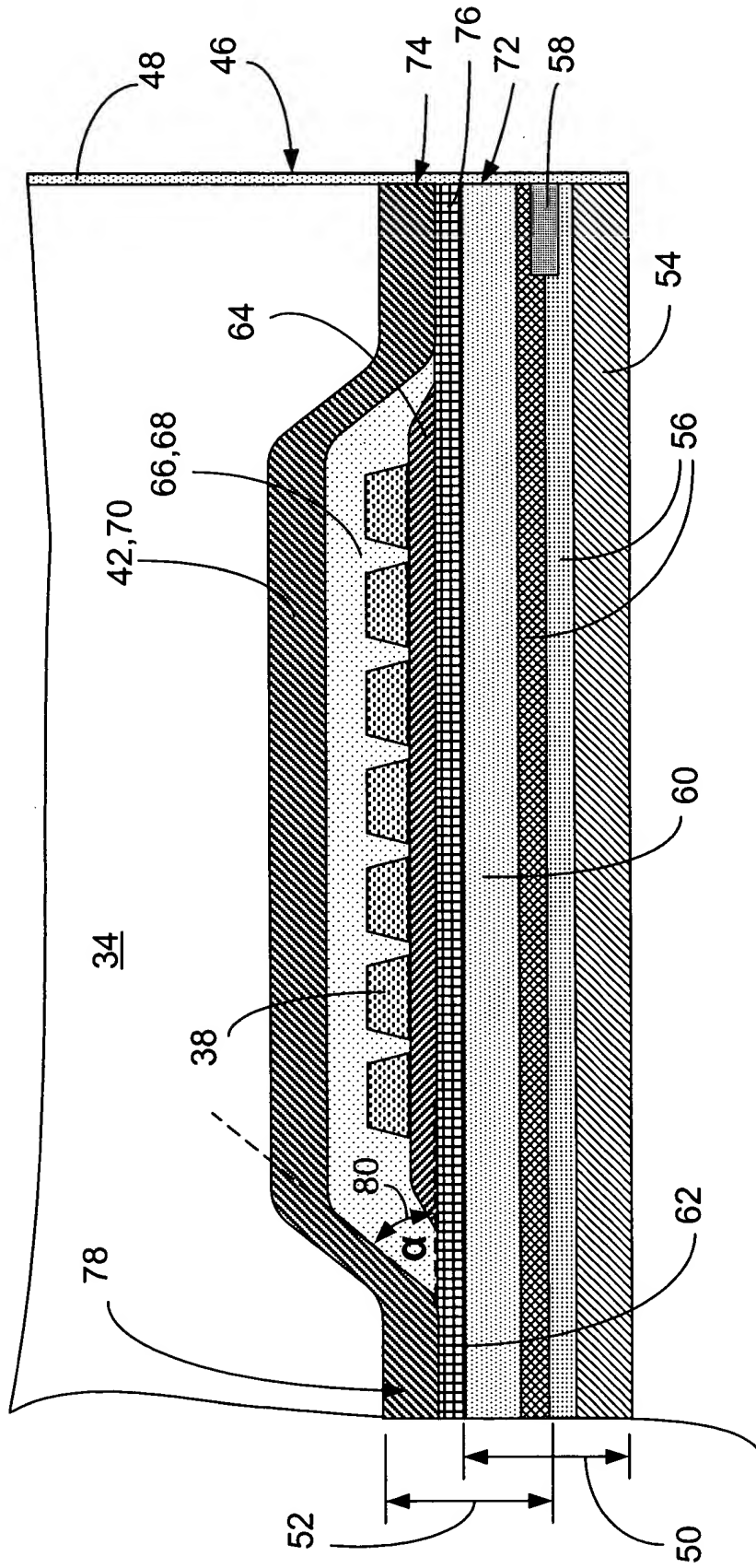


FIGURE 4 (Prior Art)

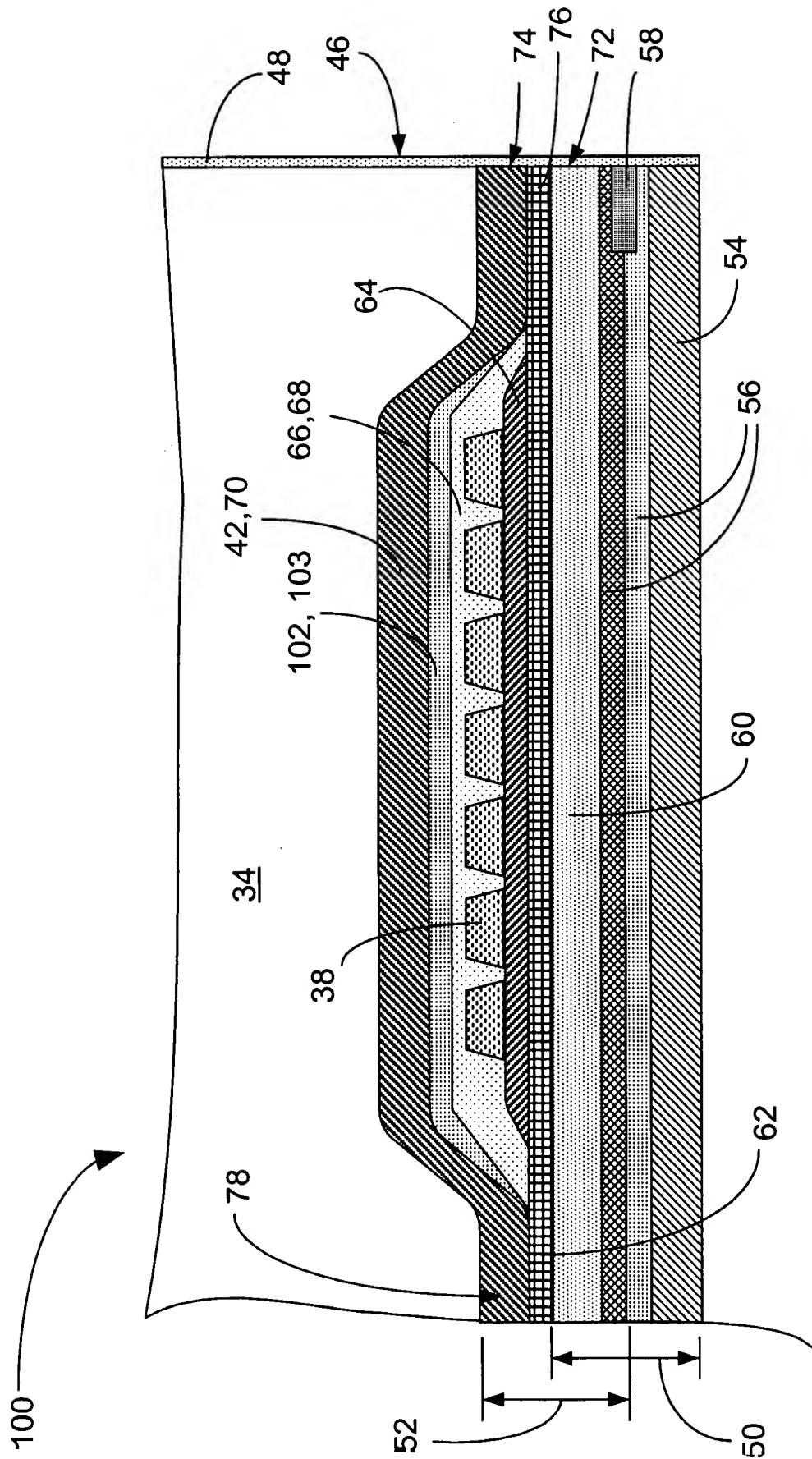


FIGURE 5

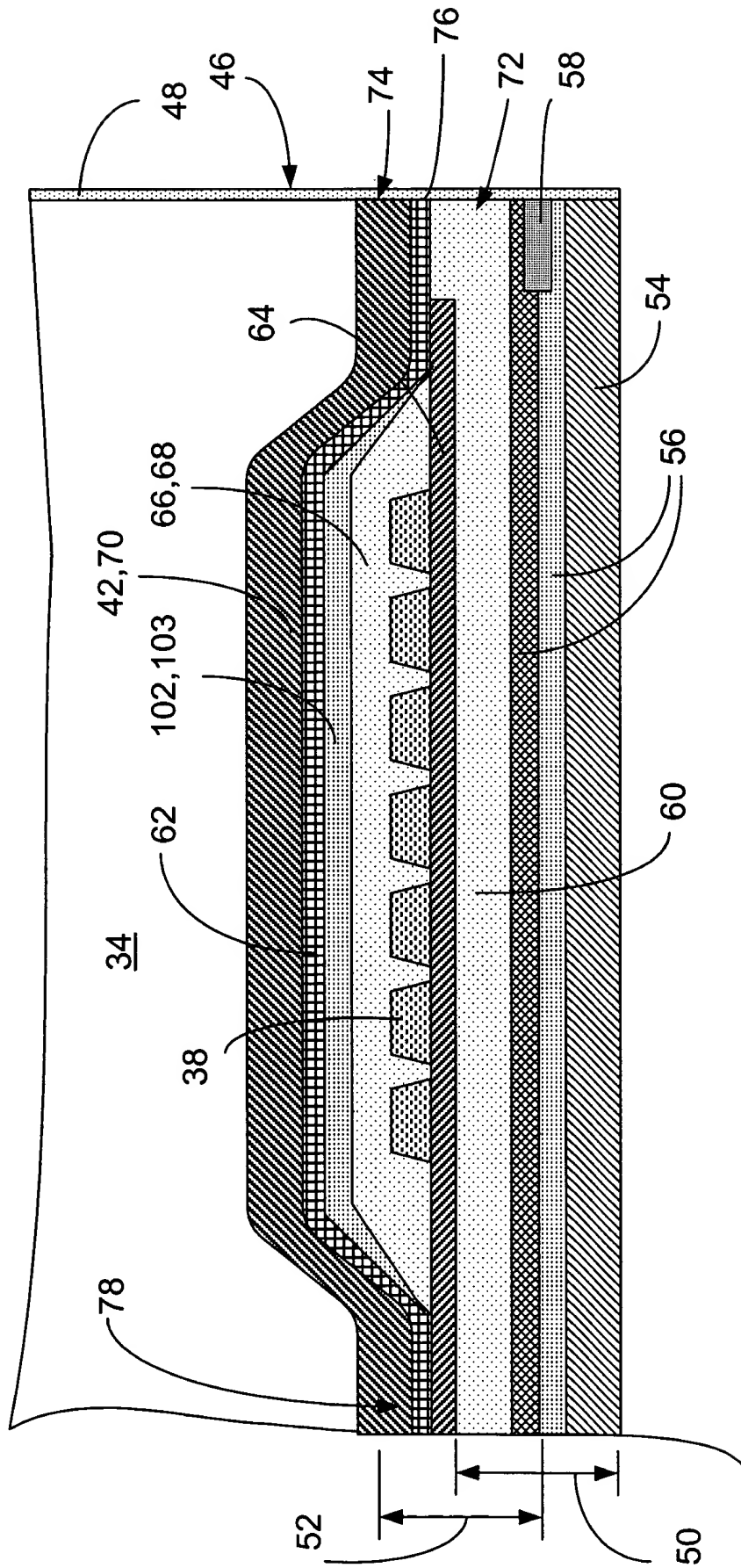
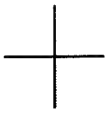


FIGURE 6

Composition	Substrate	Process	H <sub>k</sub> (Oe)	H <sub>th</sub> (Oe)	H <sub>be</sub> (Oe)	Easy axis
NFe19	Directly on I2	DC	4.60	0.06	1.26	OK
	Glass	DC	3.97	0.07	1.38	OK
NFe35	Directly on I2	DC	4.87	1.13	3.20	OK
	Glass	DC	17.08	0.85	2.24	OK
NFe45	Directly on I2	RF	23.00	1.85	10.53	Rotated 86 deg
	Glass	RF	5.92	1.25	4.86	OK
NFe55	Directly on I2	DC	Isotropic	14.11	18.10	Isotropic
	On I2 with SO2 shell	DC	7.11	0.77	4.45	OK
	Glass	DC	10.14	1.18	7.62	OK
	Directly on I2	RF	11.71	2.16	11.32	OK
	On I2 with SO2 shell	RF	9.37	1.10	7.10	OK
	Glass	RF	10.4	0.86	6.88	OK

FIGURE 7

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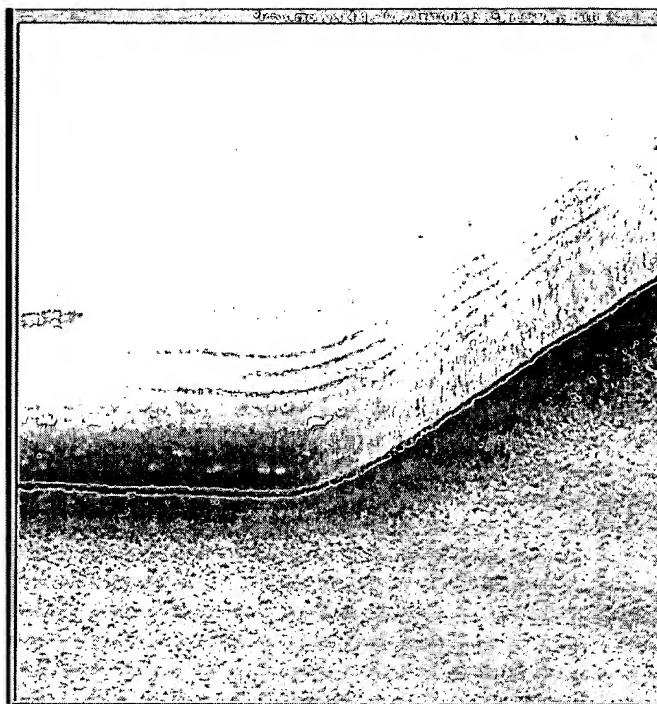


FIGURE 8

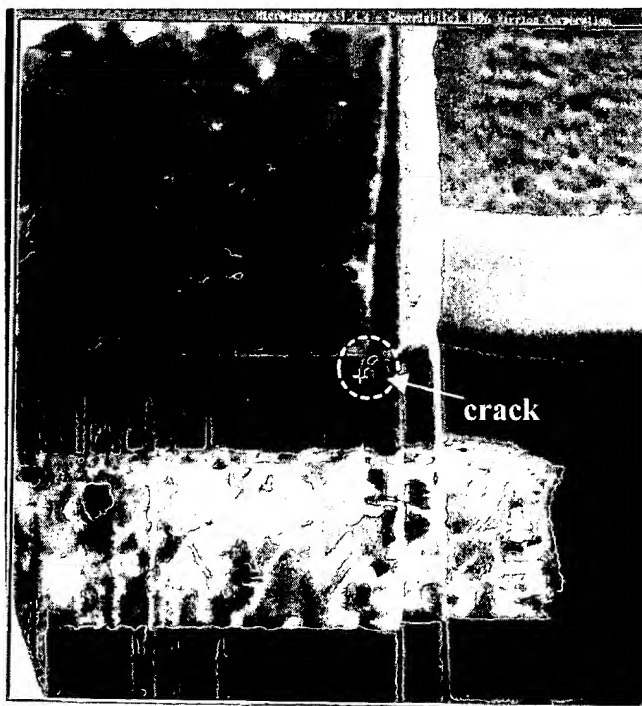


FIGURE 9

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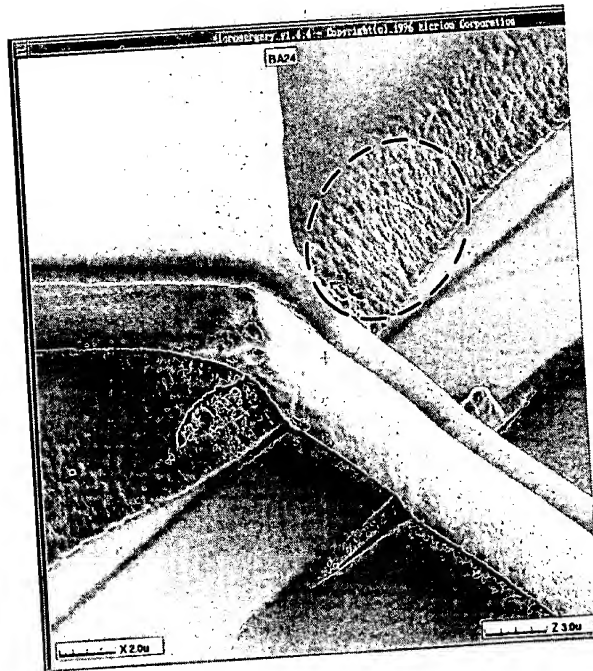


FIGURE 10



FIGURE 11

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FIGURE 12

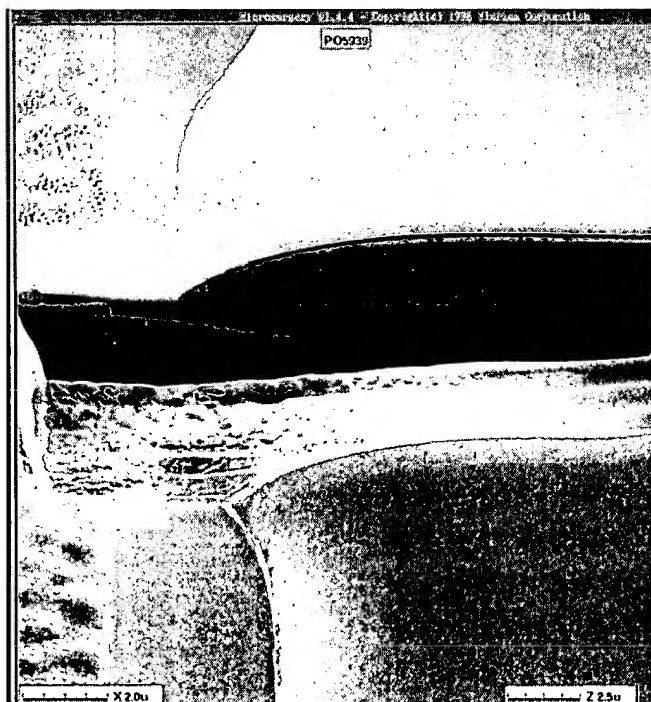


FIGURE 13

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00722T 80254250

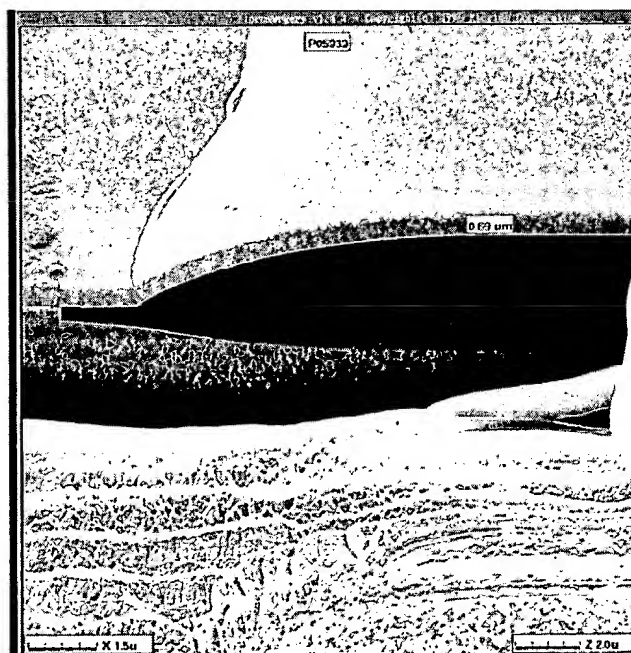


FIGURE 14

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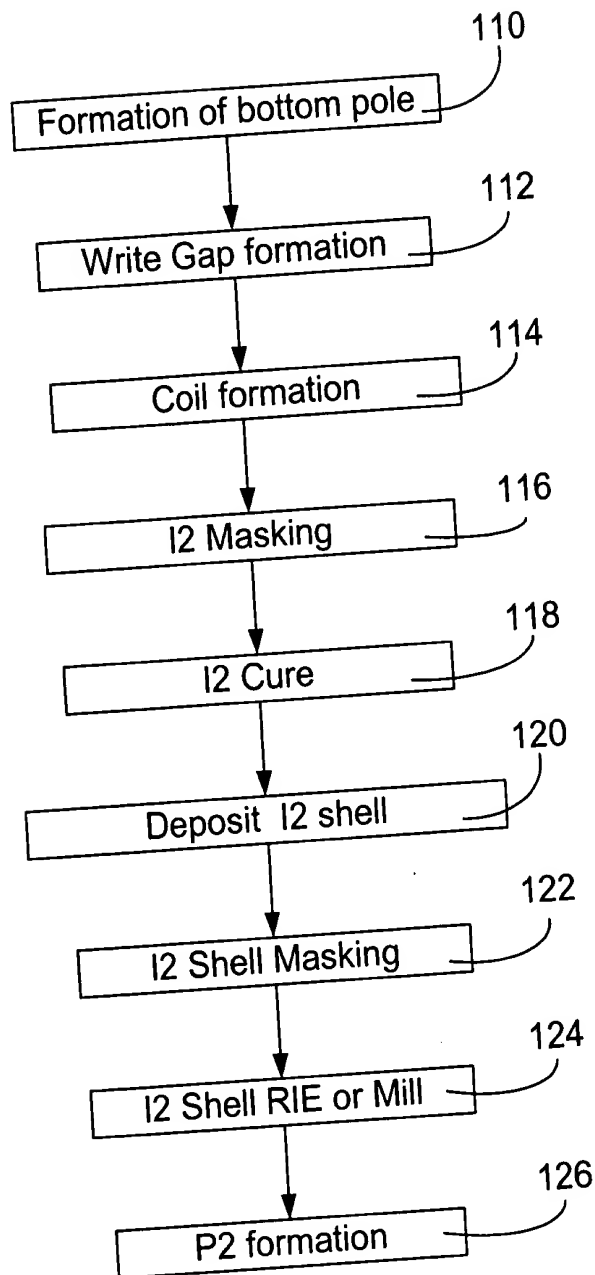


FIGURE 15

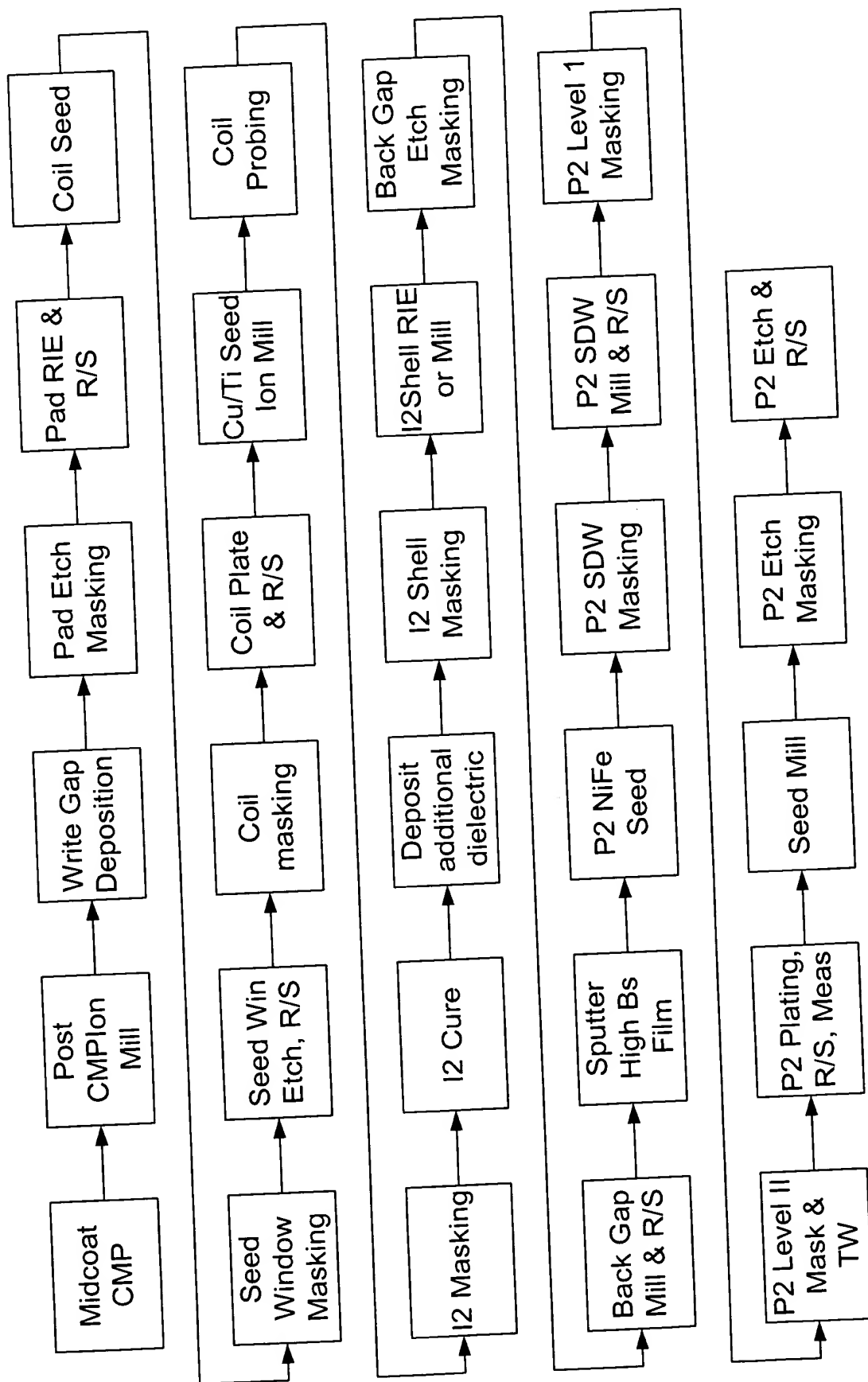


FIGURE 16

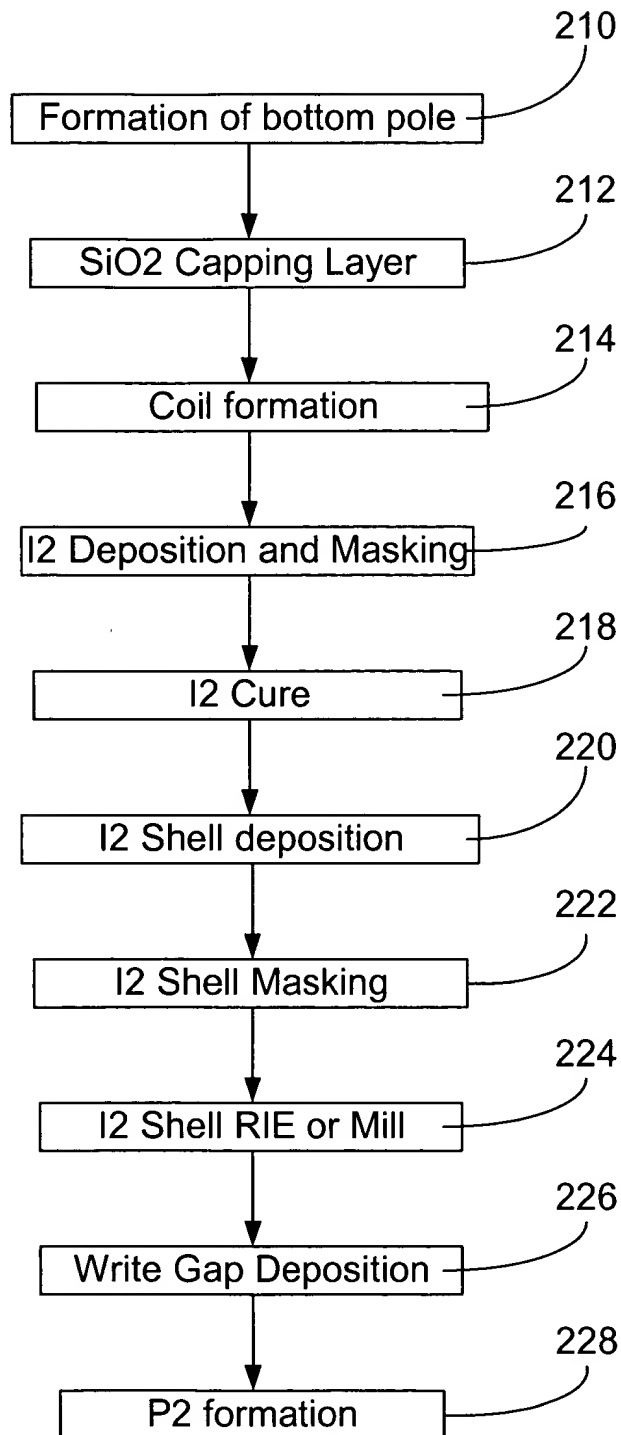


FIGURE 17

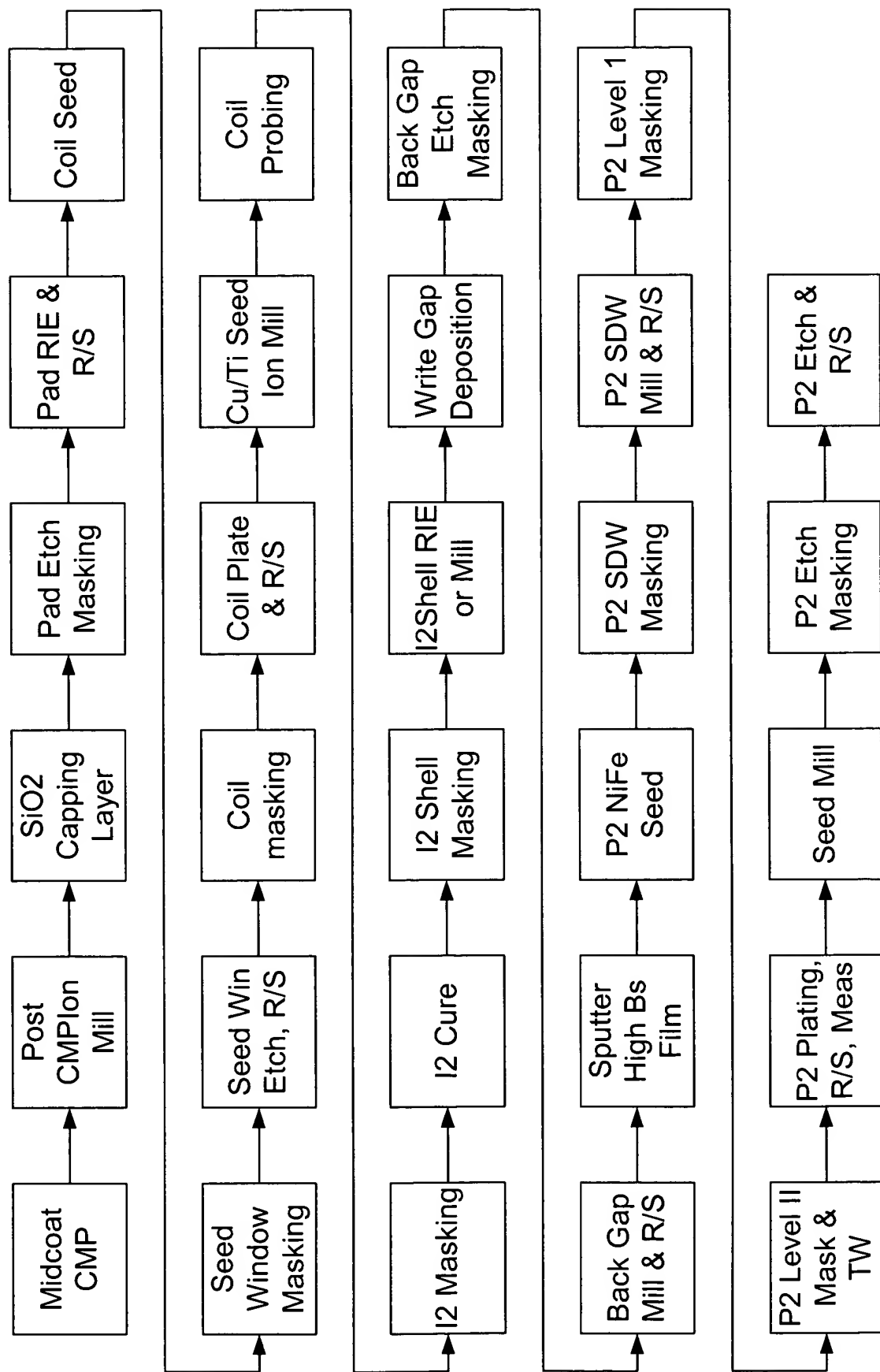


FIGURE 18